

[VARIABLE SPEED BRUSHLESS DC MOTOR]

Abstract

A variable speed brushless DC motor includes a rotor, a stator module, and a commutation circuit having commutation switches and a speed-change switch. By means of on/off status of the speed-change switch to control the way of electric current passing through the stator module, the torque-rotational speed characteristic curve of the variable speed brushless DC motor is changed, and therefore the rotational speed of the motor is relatively changed.